

IDAHO STANDARDS ACHIEVEMENT TESTS
Science
Test Blueprint - Grade 10

Grade	Standard	Goal	Objective Assessed	Science Distribution
10	1 Nature of Science	1.1 Understand Systems, Order, and Organization	1.1.1 1.1.2	39-42%
		1.2 Understand Concepts and Processes of Evidence, Models, and Explanations	1.2.1	
		1.3 Understand Constancy, Change, and Measurement	1.3.1 1.3.2 1.3.3	
		1.4 Understand the Theory that Evolution is a Process that Relates to the Gradual Changes in the Universe and of Equilibrium as a Physical State	Ref to 3.2.1	
		1.6 Understand Scientific Inquiry and Develop Critical Thinking Skills	1.6.1 1.6.2 1.6.3 1.6.5 1.6.6 1.6.7	
		1.8 Understand Technical Communication	1.8.1	
	2 Physical Science	2.2 Understand Concepts of Motion and Forces	2.2.1	14-16%
		2.3 Understand the Total Energy in the Universe is Constant	2.3.1 2.3.2	
		2.4 Understand the Structure of Atoms	2.4.1 2.4.2 2.4.3 2.4.4 2.4.5	
		2.5 Understand Chemical Reactions	2.5.1	
	3 Biology	3.1 Understand the Theory of Biological Evolution	3.1.1 3.1.2	14-16%
		3.2 Understand the Relationship between Matter and Energy in Living Systems	3.2.1 3.2.2 3.2.3 3.2.4 3.2.5	
		3.3 Understand the Cell is the Basis of Form and Function for All Living Things	3.3.1 3.3.2 3.3.3 3.3.4	

IDAHO STANDARDS ACHIEVEMENT TESTS
Science
Test Blueprint - Grade 10

Grade	Standard	Goal	Objective Assessed	Science Distribution
10	4 Earth and Space Systems	4.1 Understand Scientific Theories of Origin and Subsequent Changes in the Universe and Earth Systems	4.1.1 4.1.2 4.1.3	14-16%
		4.2 Understand Geo-Chemical Cycles and Energy in the Earth System	4.2.1	
	5 Personal and Social Perspectives; Technology	5.1 Understand Common Environmental Quality Issues, Both Natural and Human Induced	5.1.1	14-16%
		5.2 Understand the Relationship between Science and Technology	5.2.1 5.2.2 5.2.3	
		5.3 Understand the Importance of Natural Resources and the Need to Manage and Conserve Them	5.3.1	
				Total = 100%